RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.

Application Serial Number: 10/531,242
Source: IFW
Date Processed by STIC: 1/8/07

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IFWO

RAW SEQUENCE LISTING DATE: 01/08/2007
PATENT APPLICATION: **US/10/531,242** TIME: 14:43:34

Input Set : **A:\seq listing.txt**
Output Set: **N:\CRF4\01082007\J531242.raw**

<110> APPLICANT: Cambridge University Technical Services Ltd
Venkitaraman, Ashok
Pellegrini, Luca
Blundell, Tom
Yu, David
Lo, Thomas
Bates, Debbie
Shivji, Mahmud
Anand, Shubha
Lee, MiYoung
<120> TITLE OF INVENTION: Polypeptide methods and means
<130> FILE REFERENCE: 620-363
<140> CURRENT APPLICATION NUMBER: 10/531,242
<141> CURRENT FILING DATE: 2005-04-14
<150> PRIOR APPLICATION NUMBER: PCT/GB03/04485
<151> PRIOR FILING DATE: 2003-10-14
<150> PRIOR APPLICATION NUMBER: GB 0223860.8
<151> PRIOR FILING DATE: 2002-10-14
<160> NUMBER OF SEQ ID NOS: 18
<170> SOFTWARE: PatentIn version 3.1
<210> SEQ ID NO: 1
<211> LENGTH: 28
<212> TYPE: PRT
<213> ORGANISM: Homo sapiens
<400> SEQUENCE: 1
Leu Leu Gly Phe His Thr Ala Ser Gly Lys Lys Val Lys Ile Ala Lys
1 5 10 15
Glu Ser Leu Asp Lys Val Lys Asn Leu Phe Asp Glu
20 25
<210> SEQ ID NO: 2
<211> LENGTH: 26
<212> TYPE: PRT
<213> ORGANISM: Artificial sequence
<220> FEATURE:
<223> OTHER INFORMATION: Consensus
<220> FEATURE:
<221> NAME/KEY: MISC_FEATURE
<222> LOCATION: (1)..(1)
<223> OTHER INFORMATION: Xaa = Gly or Ser
<220> FEATURE:
<221> NAME/KEY: MISC_FEATURE
<222> LOCATION: (3, 11, 18, 22)
<223> OTHER INFORMATION: Xaa = no preference

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114 <220> FEATURE:
116 <221> NAME/KEY: MISC_FEATURE
118 <222> LOCATION: (4)..(4)
120 <223> OTHER INFORMATION: Xaa = Thr or Ser
124 <220> FEATURE:
126 <221> NAME/KEY: MISC_FEATURE
128 <222> LOCATION: (7)..(7)
130 <223> OTHER INFORMATION: Xaa = Gly or Ser or Asn
134 <220> FEATURE:
136 <221> NAME/KEY: MISC_FEATURE
138 <222> LOCATION: (9, 14, 15, 25)
140 <223> OTHER INFORMATION: Xaa = hydrophilic
142 <220> FEATURE:
144 <221> NAME/KEY: MISC_FEATURE
146 <222> LOCATION: (10, 12)
148 <223> OTHER INFORMATION: Xaa = hydrophobic
150 <220> FEATURE:
152 <221> NAME/KEY: MISC_FEATURE
154 <222> LOCATION: (16)..(16)
156 <223> OTHER INFORMATION: Xaa = Ser or Ala
159 <220> FEATURE:
161 <221> NAME/KEY: MISC_FEATURE
163 <222> LOCATION: (20)..(20)
165 <223> OTHER INFORMATION: Xaa = Ala or Val or Ser
168 <220> FEATURE:
170 <221> NAME/KEY: MISC_FEATURE
172 <222> LOCATION: (21)..(21)
174 <223> OTHER INFORMATION: Xaa = Lys or Arg
177 <220> FEATURE:
179 <221> NAME/KEY: MISC_FEATURE
181 <222> LOCATION: (23)..(23)
183 <223> OTHER INFORMATION: Xaa = hydrophobic or aromatic
186 <220> FEATURE:
188 <221> NAME/KEY: MISC_FEATURE
190 <222> LOCATION: (24)..(24)
192 <223> OTHER INFORMATION: Xaa = Phe or Leu
196 <220> FEATURE:
198 <221> NAME/KEY: MISC_FEATURE
200 <222> LOCATION: (26)..(26)
202 <223> OTHER INFORMATION: Xaa = Asp or Glu
207 <400> SEQUENCE: 2

W--> 209 Xaa Phe Xaa Xaa Ala Ser Xaa Lys Xaa Xaa Xaa Xaa Ser Xaa Xaa Xaa
210 1 5 10 15
W--> 213 Leu Xaa Lys Xaa Xaa Xaa Xaa Xaa Xaa Xaa
214 20 25

217 <210> SEQ ID NO: 3
219 <211> LENGTH: 7
221 <212> TYPE: PRT
223 <213> ORGANISM: Homo sapiens

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Input Set : **A:\seq listing.txt**
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227 <400> SEQUENCE: 3
229 Gly Phe Thr Thr Ala Thr Glu
230 1 5
233 <210> SEQ ID NO: 4
235 <211> LENGTH: 7
237 <212> TYPE: PRT
239 <213> ORGANISM: Drosophila melanogaster
243 <400> SEQUENCE: 4
245 Gly Phe Leu Ser Ala Arg Thr
246 1 5
249 <210> SEQ ID NO: 5
251 <211> LENGTH: 7
253 <212> TYPE: PRT
255 <213> ORGANISM: Saccharomyces cerevisiae
259 <400> SEQUENCE: 5
261 Gly Phe Val Thr Ala Ala Asp
262 1 5
265 <210> SEQ ID NO: 6
267 <211> LENGTH: 7
269 <212> TYPE: PRT
271 <213> ORGANISM: Homo sapiens
275 <400> SEQUENCE: 6
277 Gly Phe Leu Thr Ala Phe Glu
278 1 5
281 <210> SEQ ID NO: 7
283 <211> LENGTH: 7
285 <212> TYPE: PRT
287 <213> ORGANISM: Pyrococcus furiosus
291 <400> SEQUENCE: 7
293 Thr Phe Met Arg Ala Asp Glu
294 1 5
297 <210> SEQ ID NO: 8
299 <211> LENGTH: 7
301 <212> TYPE: PRT
303 <213> ORGANISM: Escherichia coli
307 <400> SEQUENCE: 8
309 Ser Ile Met Arg Leu Gly Glu
310 1 5
313 <210> SEQ ID NO: 9
315 <211> LENGTH: 7
317 <212> TYPE: PRT
319 <213> ORGANISM: Homo sapiens
323 <400> SEQUENCE: 9
325 Gly Phe His Thr Ala Ser Gly
326 1 5
329 <210> SEQ ID NO: 10
331 <211> LENGTH: 12
333 <212> TYPE: PRT
335 <213> ORGANISM: Artificial sequence

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Input Set : **A:\seq listing.txt**
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339 <220> FEATURE:
341 <223> OTHER INFORMATION: Flexible polypeptide linker
343 <400> SEQUENCE: 10
345 Gly Gly Gly Gly Gly Gly Gly Gly Gly Gly Gly Gly
346 1 5 10
349 <210> SEQ ID NO: 11
351 <211> LENGTH: 12
353 <212> TYPE: PRT
355 <213> ORGANISM: Artificial sequence
359 <220> FEATURE:
361 <223> OTHER INFORMATION: Flexible polypeptide linker
363 <400> SEQUENCE: 11
365 Ser Ser Ser Ser Ser Ser Ser Ser Ser Ser Ser Ser
366 1 5 10
369 <210> SEQ ID NO: 12
371 <211> LENGTH: 12
373 <212> TYPE: PRT
375 <213> ORGANISM: Artificial sequence
379 <220> FEATURE:
381 <223> OTHER INFORMATION: Flexible polypeptide linker
383 <400> SEQUENCE: 12
385 Gly Ser Gly Ser Gly Ser Gly Ser Gly Ser Gly Ser
386 1 5 10
389 <210> SEQ ID NO: 13
391 <211> LENGTH: 7
393 <212> TYPE: PRT
395 <213> ORGANISM: Artificial sequence
399 <220> FEATURE:
401 <223> OTHER INFORMATION: Conserved BRC repeat sequence
403 <220> FEATURE:
405 <221> NAME/KEY: MISC_FEATURE
407 <222> LOCATION: (3)..(3)
409 <223> OTHER INFORMATION: Xaa = no preference
413 <400> SEQUENCE: 13
W--> 415 Gly Phe Xaa Thr Ala Ser Gly
416 1 5
419 <210> SEQ ID NO: 14
421 <211> LENGTH: 14
423 <212> TYPE: PRT
425 <213> ORGANISM: Artificial sequence
429 <220> FEATURE:
431 <223> OTHER INFORMATION: Flexible polypeptide linker
433 <400> SEQUENCE: 14
435 Thr Gly Ser Thr Gly Ser Thr Gly Ser Thr Gly Ser Met Gly
436 1 5 10
439 <210> SEQ ID NO: 15
441 <211> LENGTH: 5
443 <212> TYPE: PRT
445 <213> ORGANISM: Homo sapiens

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Input Set : **A:\seq listing.txt**
Output Set: **N:\CRF4\01082007\J531242.raw**

449 <400> SEQUENCE: 15
451 Thr Ala Ser Gly Lys
452 1 5
455 <210> SEQ ID NO: 16
457 <211> LENGTH: 7
459 <212> TYPE: PRT
461 <213> ORGANISM: Homo sapiens
465 <400> SEQUENCE: 16
467 Phe His Thr Ala Ser Gly Lys
468 1 5
471 <210> SEQ ID NO: 17
473 <211> LENGTH: 8
475 <212> TYPE: PRT
477 <213> ORGANISM: Homo sapiens
481 <400> SEQUENCE: 17
483 Gly Glu Phe Arg Thr Gly Lys Thr
484 1 5
487 <210> SEQ ID NO: 18
489 <211> LENGTH: 5
491 <212> TYPE: PRT
493 <213> ORGANISM: Homo sapiens
497 <400> SEQUENCE: 18
499 Leu Leu Ile Val Asp
500 1 5

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Please Note:
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:2; Xaa Pos. 1,3,4,7,9,10,11,12,14,15,16,18,20,21,22,23,24,25,26
Seq#:13; Xaa Pos. 3

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L:209 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:0
L:213 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:16
L:415 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:0